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8-7-23

PATENT  
2173-0120P

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT: Keiji ENDO et al.  
SERIAL NO: 09/590,375  
FILED: June 9, 2000  
FOR: MUTANT  $\alpha$ -AMYLASES

CONF.: 2206  
GROUP: 1652  
EXAMINER: E. Slobodyansky

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REPLY UNDER 37 C.F.R. § 1.111

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 25, 2003

Sir:

In response to the Examiner's Office Action dated February 25, 2003, the due date for Reply having been extended two (2) months to July 25, 2003 by petition herein, the following remarks and amendments are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS

Please cancel claims 2, 4, and 11 without prejudice to, or disclaimer of, the subject matter recited therein.

Please amend the following claims:

3. (Twice Amended) A mutant  $\alpha$ -amylase obtained by making a substitution of an amino terminal sequence from 1<sup>st</sup> Asp through 19<sup>th</sup> Gly of SEQ ID NO:1 or an amino terminal sequence corresponding to 1<sup>st</sup> Asp through 19<sup>th</sup> Gly of SEQ ID NO:1 of a

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01 FC:1201  
02 FC:1202

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558.00 OP